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November 28, 2000

Ms. Magalie Roman Salas
Secretary
Federal Communications Commission
445 12th St., S.W.
Washington, DC 20554

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Re: **Ex Parte Notification**
ET Docket No. 98-153
Ultra-Wideband

Dear Ms. Salas:

This is to note that on November 27, 2000, Julius Knapp, Karen Rackley, John Reed, David Means and Richard Fabina of the Office of Engineering and Technology met with Michael Teems, Tom Thompson, and Ned Brokloff of the Applied Physics Laboratory of The Johns Hopkins University (APL/JHU) and Michal Freedhoff of Time Domain Corporation and me to discuss the work that APL/JHU is undertaking in connection with this rule making.

We explained that Time Domain has provided funding to APL/JHU to analyze the data gathered by the Applied Research Laboratories: The University of Texas at Austin (ARL:UT) and other data that may become available in the proceeding. APL/JHU is to provide the Commission with APL/JHU's objective analysis of the data. Unlike more conventional consulting arrangements, as a condition of its undertaking this work APL/JHU and Time Domain agreed that APL/JHU is to provide the Commission with its views without Time Domain's control of the report that is filed with the Commission. As a University Affiliated Research Center (UARC) that has heretofore worked principally for the federal government, the representatives of APL/JHU explained that their organization was willing to undertake this work only with such an understanding to facilitate the expression of their objective analysis.

The APL/JHU representatives said that they planned on trying to complete a theoretical characterization of the ultra-wideband (UWB) signal and to then match that up to the ARL:UT (and other) data to arrive at a technology-neutral description of the UWB-GPS relationship. The APL/JHU representatives asked the Commission's personnel what APL/JHU could do that would facilitate the work of the Commission in reaching decisions in this rulemaking. The Commission staff responded that APL/JHU should seek to present analysis that would aid the Commission's efforts in drawing conclusions as to what effects would occur at specified distances and under specified conditions of operation so that these factors could be considered in determining any regulatory framework for UWB.

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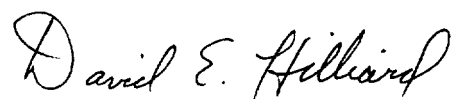
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Should any questions arise concerning this matter, please contact me.

Respectfully,

A handwritten signature in cursive script that reads "David E. Hilliard". The signature is written in black ink and is positioned above the printed name and title.

David E. Hilliard
Counsel for Time Domain Corporation

cc: Messrs. Knapp, Reed, Means, and Fabina
Ms. Rackley